



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

ML

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/517,471	12/07/2004	Martin Wagner	DE 020141	6124
24737	7590	05/16/2007	EXAMINER	
PHILIPS INTELLECTUAL PROPERTY & STANDARDS			BONZO, BRYCE P	
P.O. BOX 3001			ART UNIT	PAPER NUMBER
BRIARCLIFF MANOR; NY 10510			2113	
MAIL DATE		DELIVERY MODE		
05/16/2007		PAPER		

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.	Applicant(s)
	10/517,471	WAGNER ET AL.
	Examiner	Art Unit
	Bryce P. Bonzo	2113

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) Responsive to communication(s) filed on 07 December 2004.
- 2a) This action is FINAL. 2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) Claim(s) 1-10 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) Claim(s) _____ is/are allowed.
- 6) Claim(s) 1-10 is/are rejected.
- 7) Claim(s) _____ is/are objected to.
- 8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on 07 December 2004 is/are: a) accepted or b) objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____. | 6) <input type="checkbox"/> Other: _____. |

NON-FINAL OFFICIAL ACTION

Status of the Claims

Claims 1-6 are rejected under 35 USC §102.

Claims 7-10 are un not examined on the merits.

Unexamined Claims

Claims 7-10 are multiple dependant claims which depend from a multiple dependent. As per Office policy, these claims are not examined on the merits.

Rejections under 35 USC §102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-6 are rejected under 35 U.S.C. 102(b) as being anticipated by Sheldon (United States Patent No 6,307,480). As per the claims, Sheldon discloses:

1. A method of monitoring the operation of at least one microcontroller unit (300) that is intended for at least one application and is associated with a system (100), characterized in that

Art Unit: 2113

the microcontroller unit (300) has at least one monitoring module (10) associated with it (column 3, lines 46-51), and in that

the fact that a reset of the microcontroller unit (300) has taken place is acknowledged to the monitoring module (10) by means of at least one confirming signal (column 4, lines 55-63).

2. A method as claimed in claim 1, characterized in that

the confirming signal is formed by at least one trigger signal or trigger code that differs from the normal operation of the microcontroller unit (300) (column 4, lines 34-44) and/or

is permitted only once by the monitoring module (10) (column 4, lines 34-44).

3. A method as claimed in claim 1 or 2, characterized in that,

in relation to the operation of the microcontroller unit (300), a distinction is made between different reset events (column 4, lines 34-44:RS does not clear until Acknowledged) and in that

these different reset events are acknowledged to the monitoring module (10) by means of different confirming signals (ACK is only generated once per reset).

Claim 4 is rejected on the same grounds as claim 1.

5. A base chip as claimed in claim 4, characterized by

at least one information unit (20) that is provided to allow for different reset events (column 4, lines 34-44), and

at least one supply unit (50) that is connected (52) to the microcontroller unit (300) (it is inherent that a process requires power supply).

6. A base chip as claimed in claim 4 or 5, characterized in that

the monitoring module (10) can be triggered by means of at least one interface unit (30) and/or in that (column 3, lines 46-51).

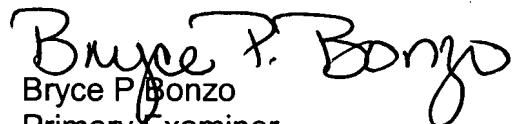
to distinguish between the individual accesses to the monitoring module (10), different reset events can be marked by different trigger values.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Bryce P. Bonzo whose telephone number is (571)272-3655. The examiner can normally be reached on Monday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Robert Beausoliel can be reached on (571)272-3645. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.


Bryce P. Bonzo
Primary Examiner
Art Unit 2113
